

# aiwa



## SC-UC78

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ACTIVE SPEAKER SYSTEM

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• TYPE:D<S>,UW

**SIMPLE MANUAL**

- Replace this Service Manual with "Revision Publishing" when it is issued.

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S/M Code No. 09-993-326-9T1

MANUAL  
SERVICE

## ELECTRICAL MAIN PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

D<S>	.....	OO	.....	A	.....
UW	.....	XX	.....	B	.....
REF.NO		PARTS NO.	NO.	DESCRIPTION	SUFFIX
C	9	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	8	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	5	87-010-495-040	OE	CAP,E 2.2-50 GAS	AB
C	6	87-010-495-040	OE	CAP,E 2.2-50 GAS	AB
C	4	87-018-127-080	OE	CAP, CER 470P-50V	AB
C	3	87-018-127-080	OE	CAP, CER 470P-50V	AB
C	1	87-018-131-080	OE	CAP, CER 1000P-50V	AB
C	2	87-018-131-080	OE	CAP, CER 1000P-50V	AB
C	7	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	17	87-010-260-080	OE	CAP, ELECT 47-25V	AB
C	19	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	10	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	16	87-010-406-080	OE	CAP, ELECT 22-50	AB
C	15	87-010-406-080	OE	CAP, ELECT 22-50	AB
C	18	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	27	87-010-248-080	OE	CAP, ELECT 220-10V	AB
C	28	87-010-248-080	OE	CAP, ELECT 220-10V	AB
C	24	87-010-260-080	OE	CAP, ELECT 47-25V	AB
C	25	87-010-404-080	OE	CAP, ELECT 4.7-50V	AB
C	26	87-010-404-080	OE	CAP, ELECT 4.7-50V	AB
C	20	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	21	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	35	87-010-235-080	OE	CAP,E 470-16 SME	A
C	36	87-010-235-080	OE	CAP,E 470-16 SME	AB
C	35	87-010-236-080	OE	CAP,E 1000-10 SME	B
C	34	87-010-406-080	OE	CAP, ELECT 22-50	AB
C	33	87-010-406-080	OE	CAP, ELECT 22-50	AB
C	32	87-010-491-040	OE	CAP,E 0.22-50 GAS	AB
C	31	87-010-491-040	OE	CAP,E 0.22-50 GAS	AB
C	45	87-010-384-080	OE	CAP, ELECT 100-25V	AB
C	48	87-010-394-080	1A	CAP ELECT220-35V	AB
C	46	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	47	87-A10-797-040	OE	CAP,E 47-35 M 5L SRM	AB
C	52	87-010-393-080	OE	CAP, ELECT 100-35V	AB
C	51	87-010-396-080	1A	CAP,E 470-35 SME	AB
C	59	87-018-202-080	OE	CAP.CERAM.6800PF	AB
C	58	87-018-202-080	OE	CAP.CERAM.6800PF	AB
C	56	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	54	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	50	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	55	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	57	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	63	87-010-263-080	OE	CAP, ELECT 100-10V	AB
C	62	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	67	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	66	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	60	87-010-494-040	OE	CAP,E 1-50 GAS	AB
C	64	87-018-131-080	OE	CAP, CER 1000P-50V	AB
C	61	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	78	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	76	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	77	87-010-405-080	OE	CAP, ELECT 10-50V	AB
C	79	87-018-209-080	OE	CAP, CER 0.1-50V	AB
C	80	87-010-405-080	OE	CAP, ELECT 10-50V	AB
D	5	87-017-933-080	OE	ZENER,MTZJ10D	AB
D	3	87-020-465-080	OE	DIODE,1SS133 (110MA)	AB
D	2	87-020-465-080	OE	DIODE,1SS133 (110MA)	AB
D	4	87-A40-458-080	OE	ZENER,MTZJ18B	AB
D	12	87-020-465-080	OE	DIODE,1SS133 (110MA)	AB
D	10	87-020-465-080	OE	DIODE,1SS133 (110MA)	AB
D	11	87-020-465-080	OE	DIODE,1SS133 (110MA)	AB
FC	1	87-033-213-080	OE	CLAMP, FUSE	AB
FC	2	87-033-213-080	OE	CLAMP, FUSE	AB
Q	3	89-110-155-080	OE	TR,2SA1015(0.4W)	AB
Q	4	89-110-155-080	OE	TR,2SA1015(0.4W)	AB
Q	7	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	5	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	8	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	9	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	13	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	11	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	12	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	10	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	14	89-318-155-080	OE	TR,2SC1815 (0.4W)	AB
Q	207	87-010-149-080	OE	C-CAP,S 5P-50 CH	AB
C	205	87-010-178-080	OE	CHIP CAP 1000P	AB
C	202	87-010-190-080	OE	S CHIP F 0.01	AB
C	201	87-010-190-080	OE	S CHIP F 0.01	AB
C	209	87-010-196-080	OE	CHIP CAPACITOR,0.1-25	AB
C	206	87-010-311-080	OE	CAP 12P	AB
C	203	87-010-314-080	OE	C-CAP,S 22P-50V	AB
C	204	87-010-314-080	OE	C-CAP,S 22P-50V	AB
C	208	87-016-044-040	OE	CAP,E 100-16 GAS	AB
C	216	87-010-196-080	OE	CHIP CAPACITOR,0.1-25	AB
C	214	87-010-196-080	OE	CHIP CAPACITOR,0.1-25	AB

## ELECTRICAL MAIN PARTS LIST - 2

C	210	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	213	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	215	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	217	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	219	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	212	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	218	87-010-497-040	0E	CAP,E	4.7-35 GAS	AB.....
C	211	87-016-044-040	0E	CAP,E	100-16 GAS	AB.....
C	222	87-010-178-080	0E	CHIP	CAP 1000P	AB.....
C	223	87-010-178-080	0E	CHIP	CAP 1000P	AB.....
C	225	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	224	87-010-196-080	0E	CHIP	CAPACITOR,0.1-25	AB.....
C	220	87-010-497-040	0E	CAP,E	4.7-35 GAS	AB.....
C	221	87-010-497-040	0E	CAP,E	4.7-35 GAS	AB.....
IC	202	87-A21-195-080	1B	IC,RE5RE33AA		AB.....
L	202	87-003-142-080	0E	COIL,3.3UH	LAL02	AB.....
L	205	87-A50-182-080	0E	C-COIL,3216	BLM31A601S	AB.....
L	204	87-A50-182-080	0E	C-COIL,3216	BLM31A601S	AB.....
L	203	87-A50-182-080	0E	C-COIL,3216	BLM31A601S	AB.....
C	53	87-A10-641-090		CAP,E	4700-35 UTES	AB.....
C	65	87-010-236-010	0E	ELECTROLYTIC,	1000-10	.B.....
CN	2	87-009-797-010	1A	CONN,10P	TKC-M X	AB.....
CN	7	87-099-043-010	0E	CONN	2P EH	AB.....
CN	3	87-099-043-010	0E	CONN	2P EH	AB.....
CN	6	87-099-043-010	0E	CONN	2P EH	AB.....
CN	1	87-099-543-010	1A	CONN,10P	TKC-M10P-B1	AB.....
D	8	86-SP2-646-010	0E	151-540235,	DIODE IN5402LT	AB.....
D	7	86-SP2-646-010	0E	151-540235,	DIODE IN5402LT	AB.....
D	6	86-SP2-646-010	0E	151-540235,	DIODE IN5402LT	AB.....
D	9	86-SP2-646-010	0E	151-540235,	DIODE IN5402LT	AB.....
D	1	87-YP5-627-010	0E	153-DLTL4231,	LED DIA3 GRN	AB.....
IC	3	87-001-596-010	1B	IC,NJM4580L		AB.....
IC	4	87-001-629-110	1H	IC,LA4630		AB.....
IC	5	87-A20-356-080	1E	C-IC,MM1326AJBE		AB.....
IC	2	87-A20-754-010	0E	IC,BA4558N-DX		AB.....
IC	6	87-A20-754-010	0E	IC,BA4558N-DX		AB.....
IC	1	87-A20-754-010	0E	IC,BA4558N-DX		AB.....
J	2	87-YP5-607-010	1H	JACK	3.5 ST W/SW HP	AB.....
J	3	87-YP5-619-010	1H	JACK	DIN 5P	AB.....
PR	2	87-A90-069-080	1A	FUSE,2A	125V 251	.B.....
PR	3	87-A90-069-080	1A	FUSE,2A	125V 251	.B.....
PR	3	87-A90-091-080	1A	PROTECTOR,2A	491	A.....
PR	2	87-A90-091-080	1A	PROTECTOR,2A	491	A.....
Q	2	89-213-702-010	1A	TR,2SB1370	(1.8W)	AB.....
Q	1	89-213-702-010	1A	TR,2SB1370	(1.8W)	AB.....
Q	6	89-420-612-010	1A	TR,2SD2061	(2W)	AB.....
R	67	87-029-167-060	0E	RES,FUSE	10-1/4W J	AB.....
S	2	84-SP3-623-010	1H	SW,PUSH	2-2-2	AB.....
T	2	82-304-743-010	0E	TERMINAL,	1P	AB.....
T	1	82-304-743-010	0E	TERMINAL,	1P	AB.....
VR	1	87-YP5-622-010	1B	104-10KA-11001,	VR RTRY 10KAX2	AB.....
VR	2	87-YP5-623-010	1B	102-20KB-11001,	VR RTRY 20KBX1H	AB.....
CN	201	87-009-311-010	0E	CONN	5P 51048	AB.....
J	201	87-A60-853-010		JACK,USB-B		AB.....
L	201	87-A91-164-010	1H	FLTR,ZJY-M4A		AB.....
W	202	8Z-YP5-609-010	1A	F-CABLE,5P	2	AB.....
X	201	8Z-YP5-608-010	1C	VIB,48MHZ	XTAL	AB.....
IC	201	8Z-YP5-607-010	2B	IC,UDA1321T		AB.....
		85-SP3-624-010	1F	AC CORD,D		A.....
		86-SP2-637-010		BUSHING,AC U		AB.....
		87-YP4-620-010		AC CORD ASSY,U	SPT-2W	.B.....
		87-YP5-605-210	2P	SPKR,W	100 6OHM	AB.....
		87-YP5-606-110	1H	SPKR	ST 77 4OHM	AB.....
		87-YP5-608-110	2P	PT,U		.B.....
		87-YP5-620-010	1H	186-7YP-5,	CORD ASSY DIN	AB.....
		87-YP5-626-010		SW,PUSH	1-1-1 SY16-52-3	AB.....
		8Z-YP5-612-010		CORD ASSY,3.5ST-VW1		AB.....
F	1	87-035-489-010	1A	FUSE,4A125V	D UL	AB.....
PT	1	87-YP5-609-010	2Y	PT,D		A.....

## MECHANICAL PARTS LIST - 1

NOTE: The characters in the suffix column indicate the part usage.

D<S>	.....	OO	.....	A	.....
UW	.....	XX	.....	B	.....
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX	
	87-084-078-010	0E	NYLON RIVET	AB	.....
	87-YP5-202-010	1F	401-1RG7YP-5,FRAME R	AB	.....
	87-YP5-203-010	1F	401-1LG7YP-5,FRAME L	AB	.....
	87-YP5-204-010	1C	401-107YP-5,RING DUCT	AB	.....
	87-YP5-208-010	0E	430-F7YP-5,FOOT BOT	AB	.....
	87-YP5-209-010	1A	HLLDR,PWB	AB	.....
	87-YP5-213-010	1A	HLLDR,LED	AB	.....
	87-YP5-220-010		HLLDR,HT	AB	.....
	87-YP5-236-010	1B	COVER,TERMINAL AC	AB	.....
	8Z-YP5-201-010		HLLDR,JACK-USB	AB	.....
	8Z-YP5-202-010		HLLDR,PWB-USB	AB	.....
	87-067-566-010	0E	TAPPING SCREW, VFTT+3-6	AB	.....
	87-067-581-010	0E	TAPPING SCREW, BVT2+3-15	AB	.....
	87-067-688-010	0E	BVTT+3-6	AB	.....
	87-067-703-010	0E	TAPPING SCREW, BVT2+3-10	AB	.....
	87-067-822-010	0E	BVT2+3-20 W/O SLOT	AB	.....
	87-067-873-010	0E	BVT2+3-25 W/O SLOT	AB	.....
	87-067-945-110	0E	VFT2+3-12 (F10)	AB	.....
	87-YP5-227-010		VFT2+3-18 W/O (F10)	AB	.....
W 202	8Z-YP5-609-010		F-CABLE,5P 2	AB	.....
	85-SP3-624-010	1F	AC CORD,D	A	.....
	86-SP2-637-010		BUSHING,AC U	AB	.....
	87-YP4-620-010		AC CORD ASSY,U SPT-2W	B	.....
	87-YP5-605-210	2P	SPKR,W 100 6OHM	AB	.....
	87-YP5-606-110	1H	SPKR ST 77 4OHM	AB	.....
	87-YP5-608-110	2P	PT,U	B	.....
	87-YP5-620-010	1H	186-7YP-5,CORD ASSY DIN	AB	.....
	87-YP5-626-010		SW,PUSH 1-1-1 SY16-52-3	AB	.....
	8Z-YP5-612-010		CORD ASSY,3.5ST-VW1	AB	.....
	87-YP5-003-110	1H	CABI,FRONT L	B	.....
	87-YP5-004-010	1H	401-1LC7YP-5,CAB REAR L	B	.....
	87-YP5-005-010	1B	400-1PK7YP-5,BTN KNOB POWER	B	.....
	87-YP5-006-010	1B	400-1QK7YP-5,BTN KNOB 0 SOUND	B	.....
	87-YP5-007-010	1B	400-1RK7YP-5,KNOB RTRY	B	.....
	87-YP5-008-110	1B	WINDOW,LED	AB	.....
	87-YP5-011-010	1B	331-7YP-5,GRILL SIDE	B	.....
	8Z-YP5-001-010		CABI,FRONT R USB		.....
	8Z-YP5-002-010		CABI,REAR R USB		.....
	8Z-YP5-005-010		CABI,FRONT R USB UL	B	.....
	8Z-YP5-006-010		CABI,REAR R USB UL	B	.....
	8Z-YP5-007-010		CABI,FRONT R S USB	A	.....
	8Z-YP5-008-010		CABI,REAR R S USB	A	.....
	8Z-YP5-009-010		CABI,FRONT L S	A	.....
	8Z-YP5-011-010		CABI,REAR L S	A	.....
	8Z-YP5-012-010		BTN,KNOB POWER S	A	.....
	8Z-YP5-013-010		BTN,KNOB Q SOUND S	A	.....
	8Z-YP5-014-010		KNOB,RTRY S	A	.....
	8Z-YP5-017-010		GRILLE,SIDE S	A	.....

## ACCESSORIES LIST

NOTE: The characters in the suffix column indicate the part usage.

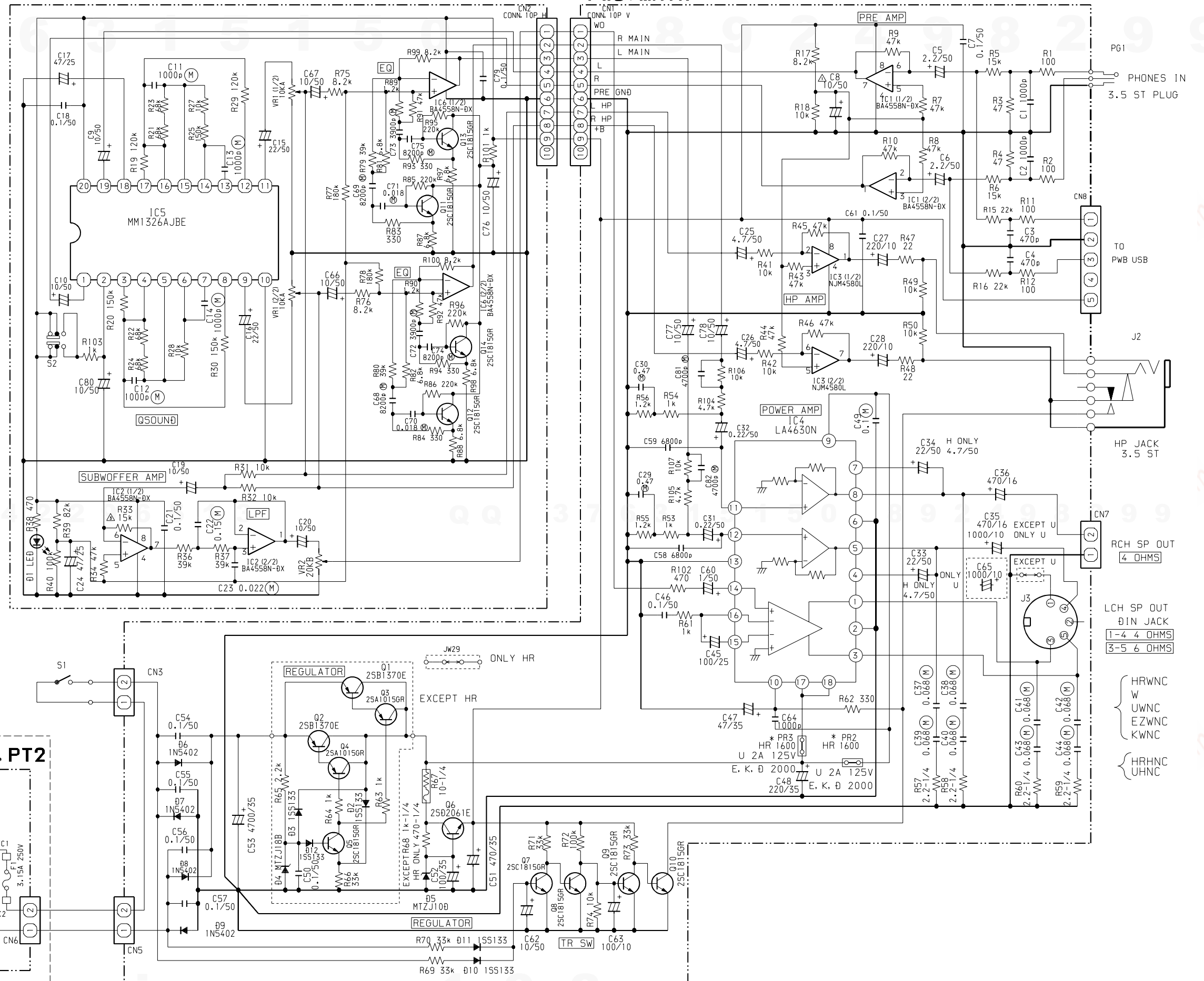
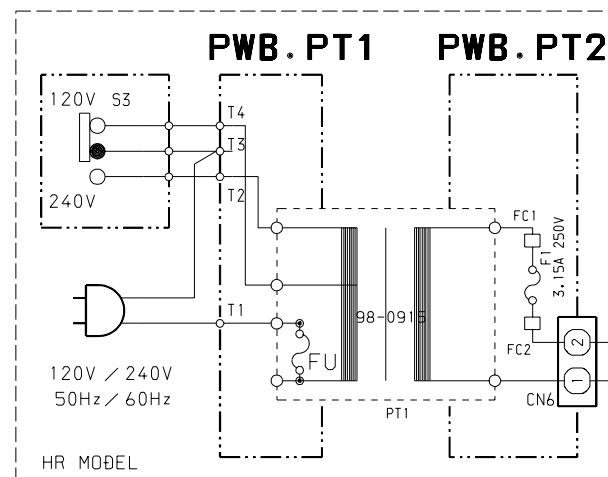
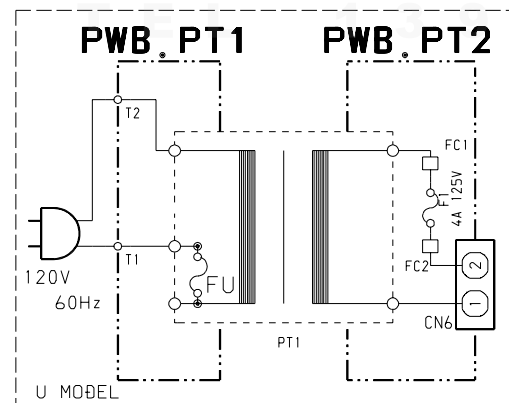
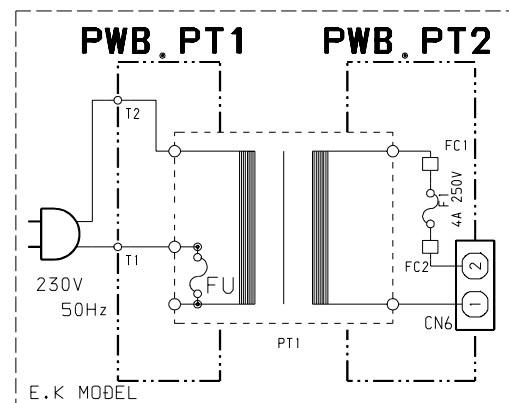
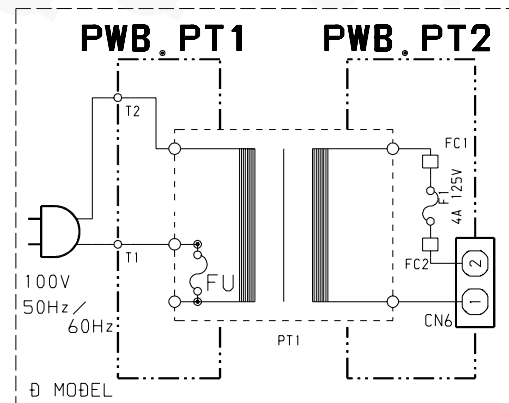
D<S>	.....	OO	.....	A	.....
UW	.....	XX	.....	B	.....
REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX	
	8Z-YP5-901-010		IB,U(3L)	B	.....
	8Z-YP5-902-010		IB,D(J)	A	.....
	8Z-YP5-611-010		CORD ASSY,USB 1.5M	AB	.....



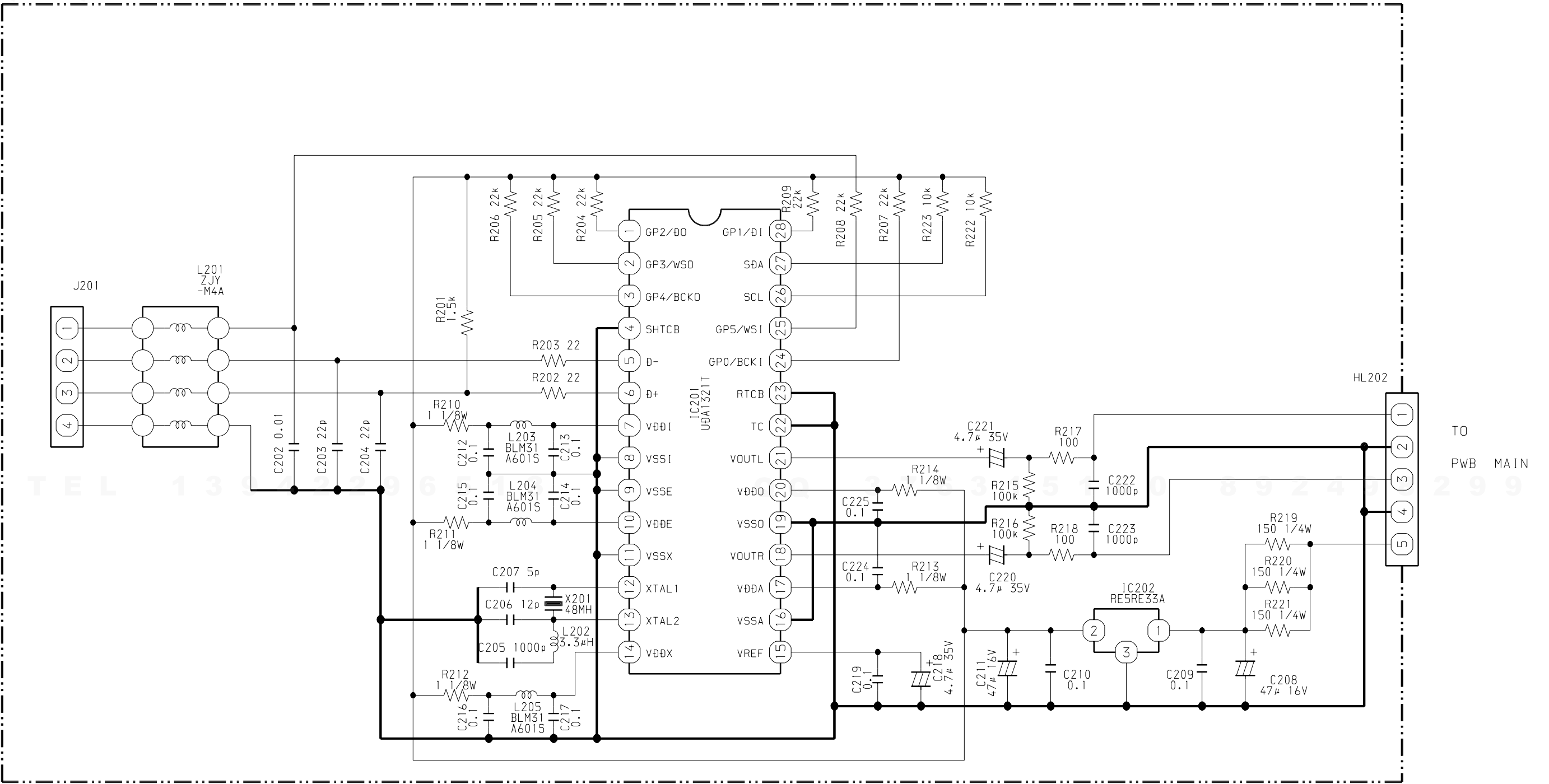
SCHEMATIC DIAGRAM – 1

PWB. FRONT

PWB. MAIN



PWB USB 4M



QQ 376315150

892498299

TEL 13942296513 QQ 376315150 892498299

TEL 13942296513 QQ 376315150 892498299

サービス技術ニュース	
番号	連絡内容
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